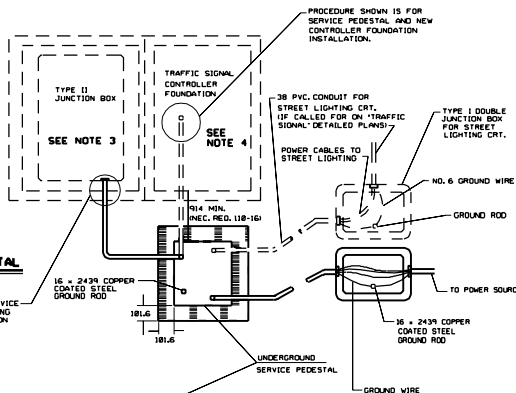


## UNDERGROUND SERVICE PEDESTAL

PROCEDURE SHOWN IS FOR SERVICE PEDESTAL ADDITION TO EXISTING SIGNAL CONTROLLER FOUNDATION

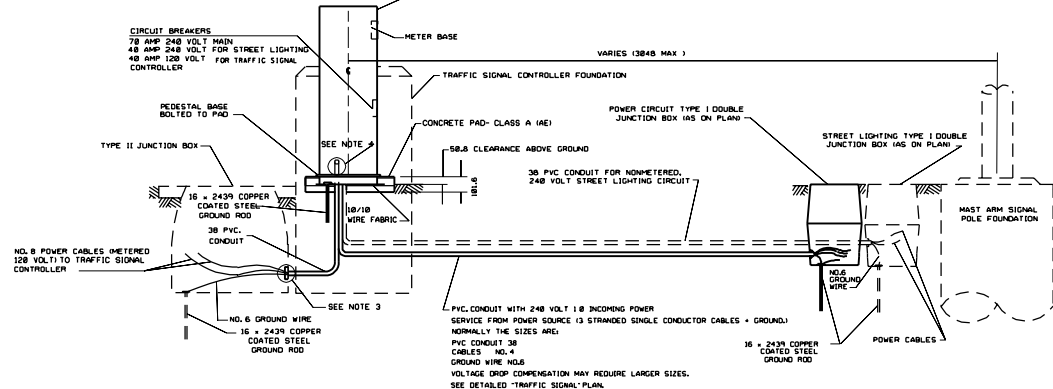


## UNDERGROUND SERVICE PEDESTAL

- A- RATED 188 AMP AT 120/248 VAC.
- B- BOTH METERED AND UN-METERED CIRCUIT BREAKER INTERIORS SHALL PROVIDE FOR SIX FULL 25.4 mm POLES (INCLUDING MAINS).
- C- INTERIORS SHALL ACCEPT PLUG-IN CIRCUIT BREAKERS.
- D- BASE SHALL BE DETACHABLE FOR PRE-INSTALLATION IN CONCRETE FOUNDATION.
- E- SECURE PIANO HINGED DOORS WITH MASTER PADLOCK NO. P-848.

### NOTES:

1. SERVICE PEDESTAL LOCATION MAY BE ADJACENT TO TYPE II JUNCTION BOX, ON EITHER SIDE OR BACK OF CONTROLLER FOUNDATION TO TAKE ADVANTAGE OF FIELD CONDITIONS. EXACT POSITION SHALL BE DETERMINED BY THE PROJECT ENGINEER.
2. METER SOCKET WITH TEST BLOCKS (SAFETY SOCKET) REQUIRED CIRCUIT BREAKERS. CONCRETE PAD, ALL PVC CONDUIT FOR CONTROLLER POWER, GROUNDING AND GROUND ROD, NO. 8 POWER CABLES FROM SERVICE PEDESTAL TO SIGNAL CONTROLLER POWER INPUT, SHALL BE INCLUDED IN THE ITEM FOR "UNDERGROUND SERVICE PEDESTAL".
3. INSTALLATION OF UNDERGROUND SERVICE PEDESTAL AT EXISTING CONTROLLER FOUNDATION REQUIRES THAT THE 38 CONDUIT WITH THE 120 VOLT, NO. 8 POWER CABLES FOR CONTROLLER POWER BE ROUTED TO THE TYPE II JUNCTION BOX AS SHOWN.
4. INSTALLATION OF UNDERGROUND SERVICE PEDESTAL AND NEW CONTROLLER FOUNDATION REQUIRES THAT THE 38 CONDUIT WITH THE 120 VOLT, NO. 8 POWER CABLES FOR CONTROLLER POWER BE INSTALLED THROUGH THE CONTROLLER FOUNDATION DIRECTLY TO THE CONTROLLER CABINET.



ALL DIMENSIONS ARE SHOWN IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.

UTAH DEPARTMENT OF TRANSPORTATION  
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION  
SALT LAKE CITY, UTAH

(METRIC)  
UNDERGROUND SERVICE  
PEDESTAL DETAILS

STD. DWG. NO.  
745-558

REVISIONS

NO.	DATE	BY	REMARKS

DESIGNED BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
STANDARD DRAWING TITLE: \_\_\_\_\_  
DATE: \_\_\_\_\_  
BY: \_\_\_\_\_